

AMENDMENTS TO THE CLAIMS

Please amend the claim set as indicated below:

Claims 1-17. (cancelled)

18. (currently amended) A process for manufacturing a metal-infiltrated powder metal part, the process comprising:  
compacting a powder metal to form a compact;  
sintering the compact at a temperature sufficient to form a sintered compact with a matrix having pores;  
forming an infiltrant blank from a wrought metal sheet, the blank having a locating element that is suitable for engaging a corresponding locating element on the ~~sintered~~ compact;  
placing the infiltrant blank in contact with the ~~sintered~~ compact such that the locating element of the blank engages the corresponding locating element on the ~~sintered~~ compact, the engagement of the locating element of the infiltrant blank and the corresponding locating element of the compact restricting movement of the infiltrant blank relative to the compact; and  
melting the wrought metal such that the melted wrought metal infiltrates the pores of the ~~sintered~~ compact.

19. (original) The process of claim 18 wherein:  
the powder metal is selected from iron, iron alloys and mixtures thereof; and  
the wrought metal is selected from copper and copper alloys.

20. (original) The process of claim 19 wherein:  
the wrought metal sheet has a thickness of less than 1 millimeter.

21. (original) The process of claim 18 wherein:  
the infiltrant blank is formed by a method selected from  
stamping, fine blanking and laser cutting.

22. (original) The process of claim 18 wherein:  
the locating element of the blank is a section of the blank  
extending outwardly from a body of the blank.

23. (new) The process of claim 18 wherein:  
the steps of sintering and infiltrating occur  
simultaneously.

24. (new) The process of claim 18 wherein:  
the step of sintering occurs separately and before the step  
of infiltrating.

25. (new) The process of claim 18 wherein:  
the step of placing the infiltrant blank in contact with  
the compact includes placing the infiltrant blank on a top outer  
surface of the compact.

26. (new) The process of claim 18 wherein:  
the locating element of the infiltrant blank has an edge  
surface that is configured to selectively contact a wall of the  
compact.